

# **Michigan Behavioral Risk Factor Surveillance System**

## **Selected Tables from the 1998 Survey**

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517-335-9080**

<p>Health Care Access Michigan Adults, 1998 (in percentages with 95% confidence interval limits)</p>
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Demographic Characteristics	Had Health Care Coverage Age 18-64 <sup>1</sup>	Cost Prevented Doctor Visit <sup>2</sup>	Routine Checkup in Last Year <sup>3</sup>
TOTAL	90.7 ± 1.4	8.6 ± 1.2	73.8 ± 1.9
AGE			
18-24 Years	86.9 ± 4.4	9.4 ± 3.8	74.9 ± 5.8
25-34 Years	86.8 ± 3.3	14.2 ± 3.3	63.9 ± 4.6
35-44 Years	92.0 ± 2.4	8.3 ± 2.3	67.3 ± 4.1
45-54 Years	94.5 ± 2.3	7.9 ± 2.7	71.9 ± 4.5
55-64 Years	93.3 ± 3.3	4.8 ± 2.8	81.6 ± 5.1
65-74 Years	— —	4.7 ± 2.9	87.9 ± 4.5
75+ Years	— —	4.3 ± 3.7	91.0 ± 4.2
GENDER			
Male	89.8 ± 2.2	6.8 ± 1.6	65.5 ± 3.1
Female	91.6 ± 1.7	10.1 ± 1.7	80.9 ± 2.1
RACE			
White	90.9 ± 1.5	8.0 ± 1.2	71.6 ± 2.1
Black	89.4 ± 4.3	11.8 ± 4.2	84.9 ± 4.9
EDUCATION			
Less than H.S.	82.2 ± 6.7	14.5 ± 4.7	78.1 ± 5.7
H.S. Graduate	86.6 ± 2.9	9.2 ± 2.1	73.8 ± 3.3
Some College	92.6 ± 2.1	8.8 ± 2.2	74.1 ± 3.4
College Graduate	95.9 ± 1.6	4.6 ± 1.7	70.8 ± 3.7
HOUSEHOLD INCOME			
<\$10,000	79.9 ± 10.1	22.7 ± 8.9	82.3 ± 7.6
\$10,000-19,999	72.5 ± 7.0	18.1 ± 4.7	74.8 ± 5.3
\$20,000-34,999	84.8 ± 3.5	12.1 ± 2.8	69.5 ± 3.9
\$35,000-50,000	95.4 ± 2.3	7.7 ± 2.8	73.7 ± 4.7
>\$50,000	98.4 ± 1.0	1.7 ± 0.9	72.9 ± 3.5

<sup>1</sup> Proportion of respondents aged 18-64 who reported they had any kind of health care coverage.

<sup>2</sup> Proportion of respondents who reported that there was a time during the previous 12 months when they needed to see a doctor but could not because of the cost.

<sup>3</sup> Proportion of respondents who reported that they had a routine checkup within the past year.

**Health Status**  
**Michigan Adults, 1998**  
(percentages and means, with 95% confidence interval limits)

Demographic Characteristics	General Health Fair or Poor <sup>1</sup> (percentage)	Physical Health Poor <sup>2</sup> (mean days)	Mental Health Poor <sup>3</sup> (mean days)	Limited Activity <sup>4</sup> (mean days)
<b>TOTAL</b>	<b>14.8 ± 1.5</b>	<b>3.8 ± 0.4</b>	<b>3.7 ± 0.4</b>	<b>2.1 ± 0.2</b>
AGE				
18-24 Years	7.1 ± 3.7	1.9 ± 0.6	4.3 ± 1.0	1.0 ± 0.4
25-34 Years	6.7 ± 2.4	2.3 ± 0.6	3.9 ± 0.8	1.4 ± 0.4
35-44 Years	9.3 ± 2.5	3.1 ± 0.6	4.2 ± 0.6	1.9 ± 0.6
45-54 Years	15.0 ± 3.5	4.2 ± 0.8	3.2 ± 0.6	2.5 ± 0.8
55-64 Years	20.8 ± 5.3	4.4 ± 1.2	2.7 ± 0.8	2.1 ± 0.8
65-74 Years	28.5 ± 6.3	6.8 ± 1.6	3.5 ± 1.2	3.0 ± 1.2
75+ Years	34.5 ± 7.3	7.2 ± 1.8	2.9 ± 1.2	3.8 ± 1.4
GENDER				
Male	12.5 ± 2.2	3.1 ± 0.6	2.7 ± 0.4	1.7 ± 0.4
Female	16.0 ± 2.0	4.3 ± 0.4	4.5 ± 0.4	2.3 ± 0.4
RACE				
White	13.3 ± 1.5	3.5 ± 0.4	3.4 ± 0.4	1.9 ± 0.2
Black	20.6 ± 5.2	5.4 ± 1.4	4.8 ± 1.2	3.0 ± 1.0
EDUCATION				
Less than H.S.	32.0 ± 6.3	7.2 ± 1.6	4.5 ± 1.2	3.8 ± 1.2
H.S. Graduate	18.9 ± 2.9	4.3 ± 0.6	4.3 ± 0.6	2.3 ± 0.6
Some College	10.6 ± 2.2	3.0 ± 0.6	3.7 ± 0.6	1.7 ± 0.4
College Graduate	5.7 ± 1.9	2.5 ± 0.6	2.4 ± 0.4	1.4 ± 0.4
HOUSEHOLD INCOME				
<\$10,000	37.1 ± 10.0	10.6 ± 2.7	8.4 ± 2.4	8.2 ± 2.5
\$10,000-19,999	30.2 ± 5.5	6.0 ± 1.2	5.0 ± 1.0	3.4 ± 1.0
\$20,000-34,999	17.3 ± 3.3	4.1 ± 0.8	4.1 ± 0.6	2.2 ± 0.6
\$35,000-50,000	12.3 ± 3.6	3.8 ± 1.0	2.8 ± 0.6	1.7 ± 0.6
>\$50,000	4.0 ± 1.5	1.8 ± 0.4	2.7 ± 0.4	1.0 ± 0.2

<sup>1</sup> Proportion of respondents who said that their health, in general, was fair or poor.

<sup>2</sup> Mean number of days during the past 30 days in which physical health (including illness and injury) was not good.

<sup>3</sup> Mean number of days during the past 30 days in which mental health (including stress, depression, and problems with emotions) was not good.

<sup>4</sup> Mean number of days during the past 30 days in which poor physical or mental health kept respondent from doing usual activities, such as self-care, work, or recreation.

Diabetes Michigan Adults, 1998 (in percentages with 95% confidence interval limits)			
Demographic Characteristics	Ever Told Have Diabetes <sup>1</sup>		
<b>TOTAL</b>	<b>6.8</b>	<b>±</b>	<b>1.1</b>
AGE			
18-24 Years	2.3	±	2.2
25-34 Years	2.0	±	1.3
35-44 Years	3.1	±	1.4
45-54 Years	7.6	±	2.6
55-64 Years	13.6	±	4.6
65-74 Years	17.8	±	5.6
75+ Years	10.3	±	4.7
GENDER			
Male	5.9	±	1.6
Female	7.4	±	1.5
RACE			
White	6.3	±	1.1
Black	8.1	±	3.6
EDUCATION			
Less than High School	14.0	±	4.9
High School Graduate	6.7	±	1.9
Some College	5.4	±	1.7
College Graduate	4.8	±	1.8
HOUSEHOLD INCOME			
<\$10,000	8.5	±	5.9
\$10,000-19,999	10.7	±	3.6
\$20,000-34,999	8.7	±	2.5
\$35,000-50,000	4.2	±	2.2
>\$50,000	4.1	±	1.5
<sup>1</sup> Proportion of respondents who reported that they had ever been told by a doctor that they had diabetes (gestational diabetes excluded).			

Cigarette Smoking Status Michigan Adults, 1998 (in percentages with 95% confidence interval limits)			
Demographic Characteristics	Current Smoker <sup>1</sup>	Former Smoker <sup>2</sup>	Never Smoked
<b>TOTAL</b>	<b>27.5   ±   1.9</b>	<b>25.6   ±   1.9</b>	<b>46.9   ±   2.1</b>
AGE			
18-24 Years	40.7   ±   6.6	8.3   ±   3.9	51.0   ±   6.7
25-34 Years	35.3   ±   4.6	15.4   ±   3.5	49.3   ±   4.8
35-44 Years	28.6   ±   4.0	22.2   ±   3.7	49.3   ±   4.4
45-54 Years	28.4   ±   4.5	29.5   ±   4.5	42.1   ±   4.9
55-64 Years	21.8   ±   5.4	38.7   ±   6.4	39.5   ±   6.2
65-74 Years	13.1   ±   4.8	45.7   ±   7.0	41.2   ±   6.9
75+ Years	5.6   ±   3.9	37.7   ±   7.9	56.7   ±   8.0
GENDER			
Male	29.8   ±   3.0	29.9   ±   3.1	40.4   ±   3.3
Female	25.4   ±   2.4	21.7   ±   2.3	52.9   ±   2.8
RACE			
White	28.2   ±   2.1	26.6   ±   2.1	45.2   ±   2.3
Black	23.1   ±   5.6	21.0   ±   5.4	55.9   ±   6.5
EDUCATION			
Less than High School	34.6   ±   6.5	28.5   ±   6.3	36.9   ±   6.5
High School Graduate	35.8   ±   3.7	26.4   ±   3.3	37.9   ±   3.6
Some College	28.6   ±   3.4	22.9   ±   3.3	48.6   ±   3.8
College Graduate	12.6   ±   2.6	26.6   ±   3.7	60.8   ±   4.1
HOUSEHOLD INCOME			
<\$10,000	37.5   ±   10.0	23.0   ±   8.6	39.5   ±   10.1
\$10,000-19,999	30.1   ±   5.8	24.5   ±   5.2	45.4   ±   6.1
\$20,000-34,999	31.2   ±   3.9	24.9   ±   3.8	43.9   ±   4.3
\$35,000-50,000	28.6   ±   4.9	25.9   ±   4.7	45.5   ±   5.3
>\$50,000	22.6   ±   3.2	26.8   ±   3.4	50.6   ±   3.9
<sup>1</sup> Proportion of respondents who reported that they had ever smoked at least 100 cigarettes in their life and that they smoke cigarettes now. <sup>2</sup> Proportion of respondents who reported that they had ever smoked at least 100 cigarettes in their life but that they do not smoke cigarettes now.			

Cigarettes Smoked per Day Michigan Adults Who Currently Smoke Cigarettes <sup>1</sup> , 1998 (in percentages and means with 95% confidence interval limits)				
Demographic Characteristics	1-19 Cigarettes Per Day (percentage)	20-39 Cigarettes Per Day (percentage)	40+ Cigarettes Per Day (percentage)	Number of Cigarettes Per Day (mean)
<b>TOTAL</b>	<b>50.0 ± 4.1</b>	<b>44.0 ± 4.1</b>	<b>6.0 ± 2.0</b>	<b>16.9 ± 0.8</b>
AGE				
18-34 Years	59.9 ± 6.2	36.6 ± 6.1	3.5 ± 2.2	14.6 ± 1.1
35-54 Years	39.4 ± 6.1	51.7 ± 6.2	8.9 ± 3.7	19.2 ± 1.4
55+ Years	50.5 ± 11.0	44.0 ± 10.9	5.6 ± 5.1	17.1 ± 2.3
GENDER				
Male	45.2 ± 6.1	46.2 ± 6.0	8.5 ± 3.3	18.5 ± 1.4
Female	55.1 ± 5.5	41.6 ± 5.5	3.3 ± 2.0	15.1 ± 1.0
RACE				
White	47.3 ± 4.4	46.1 ± 4.4	6.6 ± 2.2	17.3 ± 1.0
Black	72.8 ± 11.8	25.7 ± 11.6	1.5 ± 3.0 <sup>2</sup>	12.9 ± 2.2
EDUCATION				
Less than High School	41.2 ± 11.6	47.4 ± 11.6	11.4 ± 6.9	19.2 ± 2.5
High School Graduate	49.9 ± 6.5	45.9 ± 6.5	4.2 ± 2.6	16.6 ± 1.2
Some College	53.6 ± 7.1	40.1 ± 6.9	6.3 ± 3.6	16.6 ± 1.6
College Graduate	52.4 ± 11.1	42.4 ± 11.0	5.2 ± 4.8	15.6 ± 2.5
HOUSEHOLD INCOME				
<\$10,000	54.5 ± 16.8	43.0 ± 16.7	2.5 ± 4.9 <sup>3</sup>	15.9 ± 3.3
\$10,000-19,999	47.5 ± 11.8	48.9 ± 11.8	3.7 ± 4.2 <sup>4</sup>	16.1 ± 1.8
\$20,000-34,999	48.9 ± 7.5	44.0 ± 7.4	7.1 ± 4.0	17.4 ± 1.6
\$35,000-50,000	49.2 ± 10.3	45.6 ± 10.3	5.2 ± 4.4	16.7 ± 2.0
>\$50,000	49.5 ± 8.1	43.0 ± 8.0	7.5 ± 4.4	17.1 ± 1.8
<sup>1</sup> n=688 Current Smokers. <sup>2</sup> Confidence interval (95%) exceeds range of possible estimates. <sup>3</sup> Confidence interval (95%) exceeds range of possible estimates. <sup>4</sup> Confidence interval (95%) exceeds range of possible estimates.				

Clinical Breast Exam Women 20 Years of Age and Older <sup>1</sup> Michigan, 1998 (in percentages with 95% confidence interval limits)		
Demographic Characteristics	Ever Had Clinical Breast Exam	Had Appropriately-timed Screening Clinical Breast Exam <sup>2</sup>
<b>TOTAL</b>	<b>90.2      ±      1.7</b>	<b>73.5      ±      2.6</b>
AGE		
20-29 Years	88.7      ±      4.4	84.7      ±      5.1
30-39 Years	94.2      ±      2.7	87.3      ±      4.2
40-49 Years	92.2      ±      3.5	65.8      ±      6.1
50-64 Years	94.6      ±      2.8	70.8      ±      5.8
65+ Years	80.4      ±      5.0	57.0      ±      6.5
RACE		
White	91.5      ±      1.7	73.6      ±      2.8
Black	86.8      ±      6.1	75.4      ±      7.6
EDUCATION		
Less than High School	79.5      ±      7.4	57.2      ±      9.5
High School Graduate	87.3      ±      3.4	69.8      ±      4.6
Some College	92.7      ±      2.6	78.5      ±      4.2
College Graduate	95.1      ±      2.2	78.1      ±      4.8
HOUSEHOLD INCOME		
<\$10,000	76.4      ±      10.8	55.2      ±      12.7
\$10,000-19,999	83.2      ±      5.4	62.1      ±      7.3
\$20,000-34,999	92.8      ±      2.8	74.1      ±      5.1
\$35,000-50,000	94.0      ±      3.5	78.0      ±      6.3
>\$50,000	94.6      ±      2.6	80.3      ±      4.5
<sup>1</sup> n=1434 Women aged 20 or older. <sup>2</sup> Proportion of female respondents 20 years of age and older whose last clinical breast exam was within the previous three years for women 20-39 years and within the previous year for women 40 years of age and older. Respondents whose last clinical breast exam was done because of breast cancer or other breast problems were not included in this analysis.		

Mammography Women 40 Years of Age and Older <sup>1</sup> Michigan, 1998 (in percentages with 95% confidence interval limits)			
Demographic Characteristics	Ever Had Mammogram	Mammography Screening In Past Year <sup>2</sup>	Had both Mammogram and Clinical Breast Screening in Past Year <sup>3</sup>
<b>TOTAL</b>	<b>89.2 ± 2.2</b>	<b>61.7 ± 3.7</b>	<b>51.2 ± 3.8</b>
AGE			
40-49 Years	84.8 ± 4.4	55.7 ± 6.6	46.5 ± 6.5
50-64 Years	92.8 ± 3.2	71.0 ± 6.0	62.1 ± 6.3
65+ Years	90.3 ± 3.7	58.7 ± 6.4	45.2 ± 6.6
RACE			
White	88.7 ± 2.4	60.8 ± 4.0	50.9 ± 4.0
Black	93.3 ± 5.8	67.5 ± 11.4	53.8 ± 12.0
EDUCATION			
Less than High School	87.7 ± 6.2	57.1 ± 10.7	41.6 ± 10.5
High School Graduate	87.5 ± 3.8	61.4 ± 6.1	49.0 ± 6.3
Some College	92.1 ± 3.6	63.2 ± 6.9	54.1 ± 7.2
College Graduate	89.1 ± 4.9	62.8 ± 7.8	56.9 ± 7.8
HOUSEHOLD INCOME			
<\$10,000	91.1 ± 7.3	58.0 ± 16.3	29.1 ± 14.2
\$10,000-19,999	85.3 ± 6.5	50.1 ± 9.1	40.4 ± 8.9
\$20,000-34,999	85.7 ± 4.9	59.4 ± 7.6	49.1 ± 7.9
\$35,000-50,000	94.6 ± 5.4 <sup>4</sup>	71.9 ± 9.8	60.1 ± 10.3
>\$50,000	91.4 ± 3.9	65.2 ± 7.1	59.7 ± 7.3
<sup>1</sup> n=898 Women aged 40 years or older. <sup>2</sup> Proportion of female respondents 40 years and older who reported having had a routine mammogram within the past year. Respondents whose last mammogram was done because of breast cancer or other breast problems were not included in this analysis. <sup>3</sup> Proportion of female respondents aged 40 and older who had both a clinical breast exam and a mammography screening within the previous year. <sup>4</sup> Confidence interval (95%) exceeds range of possible estimates.			



Cervical Cancer Screening Women 18 Years of Age and Older <sup>1</sup> Michigan, 1998 (in percentages with 95% confidence interval limits)		
Demographic Characteristics	Ever Had Pap Test	Appropriately-timed Pap Screening Test <sup>2</sup>
<b>TOTAL</b>	<b>95.7 ± 1.1</b>	<b>85.8 ± 1.9</b>
AGE		
18-29 Years	91.1 ± 3.6	87.6 ± 4.2
30-39 Years	99.1 ± 1.1 <sup>3</sup>	94.5 ± 2.7
40-49 Years	99.5 ± 0.8 <sup>4</sup>	88.6 ± 4.0
50-64 Years	98.0 ± 1.5	86.9 ± 4.0
65+ Years	90.4 ± 3.6	70.2 ± 5.7
RACE		
White	95.8 ± 1.1	85.1 ± 2.1
Black	96.0 ± 3.5	90.4 ± 5.1
EDUCATION		
Less than High School	92.6 ± 4.4	78.5 ± 7.1
High School Graduate	94.7 ± 2.2	82.4 ± 3.7
Some College	96.9 ± 1.6	88.6 ± 3.1
College Graduate	96.7 ± 1.8	89.6 ± 3.3
HOUSEHOLD INCOME		
<\$10,000	95.7 ± 4.5 <sup>5</sup>	79.4 ± 9.3
\$10,000-19,999	93.0 ± 3.2	76.3 ± 6.0
\$20,000-34,999	94.6 ± 2.5	83.2 ± 4.1
\$35,000-50,000	97.7 ± 2.0	89.7 ± 4.4
>\$50,000	98.4 ± 1.6	93.6 ± 2.7
<sup>1</sup> n=1486 Women aged 18 and older. <sup>2</sup> Proportion of all female respondents aged 18 and older who had a Pap test within the previous three years. Respondents whose last Pap test was done because of a problem were not included in this analysis. <sup>3</sup> Confidence interval (95%) exceeds range of possible estimates. <sup>4</sup> Confidence interval (95%) exceeds range of possible estimates. <sup>5</sup> Confidence interval (95%) exceeds range of possible estimates.		

Attitudes Toward Condom Use and AIDS Education Adults 18-64 Years of Age <sup>1</sup> Michigan, 1998 (in percentages with 95% confidence interval limits)				
Demographic Characteristics	Mean Grade for AIDS Education <sup>2</sup>			Encourage Condom Use Among Sexually Active Teens <sup>3</sup>
<b>TOTAL</b>	<b>4.7</b>	<b>±</b>	<b>0.2</b>	<b>91.0 ± 1.3</b>
AGE				
18-24 Years	4.9	±	0.2	97.3 ± 2.0
25-34 Years	4.5	±	0.2	93.7 ± 2.3
35-44 Years	4.8	±	0.2	91.6 ± 2.4
45-54 Years	4.6	±	0.2	87.4 ± 3.4
55-64 Years	4.7	±	0.2	83.6 ± 4.7
GENDER				
Male	4.9	±	0.2	90.2 ± 2.1
Female	4.5	±	0.2	91.8 ± 1.7
RACE				
White	4.7	±	0.2	90.5 ± 1.5
Black	4.7	±	0.4	93.9 ± 3.2
EDUCATION				
Less than High School	5.2	±	0.4	92.5 ± 4.2
High School Graduate	4.7	±	0.2	90.6 ± 2.5
Some College	4.6	±	0.2	92.5 ± 2.1
College Graduate	4.7	±	0.2	89.4 ± 2.7
HOUSEHOLD INCOME				
<\$10,000	4.7	±	0.6	93.2 ± 6.6
\$10,000-19,999	4.7	±	0.4	90.2 ± 4.6
\$20,000-34,999	4.6	±	0.2	89.8 ± 2.9
\$35,000-50,000	4.8	±	0.2	91.1 ± 3.2
>\$50,000	4.6	±	0.2	92.3 ± 2.0
<sup>1</sup> n=1963 Adults aged 18-64 years. <sup>2</sup> Of the respondents who indicated that children should receive HIV/AIDS education, the mean grade at which this education should be received. <sup>3</sup> Proportion of respondents who reported that if they had a teenager who was sexually active they would encourage him or her to use a condom. "Don't know" [0.9% (±0.3)] and "Would give other advice" [5.4% (±2.0)] were considered valid responses.				

HIV/AIDS Perceived Risk and Screening Adults 18-64 Years of Age <sup>1</sup> Michigan, 1998 (in percentages with 95% confidence interval limits)					
Demographic Characteristics	Chance of Getting AIDS High or Medium <sup>2</sup>			Ever tested for AIDS <sup>3</sup>	
<b>TOTAL</b>	<b>4.0</b>	<b>±</b>	<b>0.9</b>	<b>43.8</b>	<b>± 2.3</b>
AGE					
18-24 Years	4.7	±	2.6	37.8	± 6.4
25-34 Years	5.7	±	2.2	65.3	± 4.6
35-44 Years	3.8	±	1.7	47.8	± 4.4
45-54 Years	3.0	±	1.6	32.2	± 4.6
55-64 Years	2.3	±	1.5	22.7	± 5.4
GENDER					
Male	3.9	±	1.3	40.7	± 3.5
Female	4.2	±	1.2	46.9	± 3.1
RACE					
White	3.7	±	0.9	41.0	± 2.5
Black	5.3	±	3.0	58.3	± 7.0
EDUCATION					
Less than High School	4.3	±	3.4	41.5	± 8.2
High School Graduate	4.1	±	1.5	40.5	± 4.1
Some College	3.7	±	1.6	44.5	± 4.1
College Graduate	4.3	±	1.7	47.2	± 4.4
HOUSEHOLD INCOME					
<\$10,000	10.6	±	8.2	53.7	± 12.6
\$10,000-19,999	2.8	±	2.3	48.6	± 7.5
\$20,000-34,999	3.3	±	1.5	46.0	± 4.8
\$35,000-50,000	3.0	±	1.7	40.2	± 5.4
>\$50,000	4.0	±	1.5	43.3	± 3.9
<sup>1</sup> n=1963 Adults aged 18-64 years. <sup>2</sup> Proportion of respondents who reported “high” or “medium” to the question “What are your chances of getting infected with HIV, the virus that causes AIDS?”. “Don’t know” [0.8% (±0.4)] was considered a valid response. <sup>3</sup> Proportion of respondents who said “yes” to the question “Have you ever had your blood tested for HIV?”. “Don’t know” [1.8% (±0.6)] was considered a valid response.					

Leisure-time Physical Activity  
Michigan Adults, 1998  
(in percentages with 95% confidence interval limits)

Demographic Characteristics	No activity <sup>1</sup>	<3 times per week 20 minute sessions <sup>2</sup>	<5 times per week 30 minutes sessions <sup>3</sup>
<b>TOTAL</b>	<b>21.7 ± 1.7</b>	<b>49.6 ± 2.2</b>	<b>75.1 ± 1.9</b>
AGE			
18-24 Years	12.6 ± 4.2	42.2 ± 6.6	71.1 ± 6.2
25-34 Years	18.5 ± 3.8	49.7 ± 4.8	76.6 ± 4.1
35-44 Years	21.2 ± 3.6	51.1 ± 4.4	76.8 ± 3.8
45-54 Years	21.6 ± 4.1	48.2 ± 5.0	74.3 ± 4.4
55-64 Years	21.8 ± 5.3	50.0 ± 6.6	74.5 ± 5.8
65-74 Years	29.1 ± 6.5	49.0 ± 7.1	75.0 ± 6.1
75+ Years	36.6 ± 7.5	59.7 ± 8.2	75.7 ± 7.2
GENDER			
Male	19.3 ± 2.6	49.5 ± 3.4	72.5 ± 3.0
Female	23.8 ± 2.4	49.5 ± 2.8	77.3 ± 2.3
RACE			
White	20.4 ± 1.8	49.3 ± 2.3	75.0 ± 2.0
Black	28.1 ± 6.0	50.4 ± 6.7	75.2 ± 5.8
EDUCATION			
Less than High School	36.7 ± 6.6	62.6 ± 6.7	79.1 ± 5.8
High School Graduate	28.2 ± 3.4	56.1 ± 3.8	78.8 ± 3.2
Some College	18.1 ± 2.8	46.6 ± 3.9	74.6 ± 3.4
College Graduate	10.7 ± 2.6	38.7 ± 4.1	69.2 ± 3.9
HOUSEHOLD INCOME			
<\$10,000	36.2 ± 9.9	60.2 ± 10.3	83.8 ± 7.6
\$10,000-19,999	37.3 ± 6.0	59.0 ± 6.1	79.0 ± 5.0
\$20,000-34,999	25.3 ± 3.7	54.7 ± 4.3	76.8 ± 3.8
\$35,000-50,000	16.8 ± 3.9	46.0 ± 5.4	74.4 ± 4.7
>\$50,000	13.4 ± 2.6	42.2 ± 3.8	71.2 ± 3.6

Proportion of respondents who said they did not participate in any physical activities, recreation, or exercises in their leisure time (such as running, golf, or walking for exercise) within the past month.

<sup>2</sup> Proportion of respondents who said they did not participate in leisure-time physical activities (such as running, golf, or walking for exercise) three or more times per week for a minimum of 20 minutes per session, within the past month.

<sup>3</sup> Proportion of respondents who said they did not engage in leisure-time physical activity (such as running, golf, or walking for exercise) for a minimum of 30 minutes 5 times per week, within the past month.

Daily Consumption of Fruits and Vegetables Michigan Adults, 1998 (in percentages and means with 95% confidence interval limits)				
Demographic Characteristics	Fruit & Fruit Juices (mean times per day) <sup>1</sup>	Vegetables (mean times per day) <sup>2</sup>	Fruits & Vegetables (mean times per day)	5 Fruits and Vegetables Daily (percentages) <sup>3</sup>
<b>TOTAL</b>	<b>1.7 ± 0.1</b>	<b>2.2 ± 0.1</b>	<b>4.0 ± 0.1</b>	<b>26.4 ± 1.9</b>
AGE				
18-24 Years	1.8 ± 0.2	1.8 ± 0.2	3.7 ± 0.4	24.6 ± 5.7
25-34 Years	1.5 ± 0.2	2.0 ± 0.2	3.5 ± 0.2	18.4 ± 3.8
35-44 Years	1.5 ± 0.2	2.1 ± 0.2	3.7 ± 0.2	21.5 ± 3.6
45-54 Years	1.7 ± 0.2	2.4 ± 0.2	4.1 ± 0.2	29.8 ± 4.5
55-64 Years	1.7 ± 0.2	2.4 ± 0.2	4.1 ± 0.2	24.5 ± 5.5
65-74 Years	2.2 ± 0.2	2.6 ± 0.2	4.8 ± 0.4	37.4 ± 6.7
75+ Years	2.4 ± 0.2	2.9 ± 0.2	5.3 ± 0.4	45.0 ± 7.9
GENDER				
Male	1.6 ± 0.1	2.0 ± 0.1	3.6 ± 0.2	20.9 ± 2.8
Female	1.9 ± 0.1	2.4 ± 0.1	4.3 ± 0.2	31.3 ± 2.5
RACE				
White	1.7 ± 0.1	2.3 ± 0.1	4.0 ± 0.2	26.5 ± 2.0
Black	2.0 ± 0.2	1.9 ± 0.2	3.9 ± 0.4	25.9 ± 5.7
EDUCATION				
Less than High School	1.8 ± 0.2	2.1 ± 0.2	3.9 ± 0.4	26.2 ± 6.0
High School Graduate	1.6 ± 0.2	2.1 ± 0.1	3.7 ± 0.2	21.6 ± 3.1
Some College	1.7 ± 0.2	2.2 ± 0.1	3.9 ± 0.2	23.3 ± 3.2
College Graduate	2.0 ± 0.2	2.6 ± 0.2	4.5 ± 0.2	36.2 ± 4.0
HOUSEHOLD INCOME				
<\$10,000	1.9 ± 0.4	2.2 ± 0.2	4.1 ± 0.4	31.4 ± 9.6
\$10,000-19,999	1.8 ± 0.2	2.2 ± 0.2	4.0 ± 0.4	23.8 ± 5.0
\$20,000-34,999	1.7 ± 0.2	2.1 ± 0.2	3.8 ± 0.2	24.1 ± 3.7
\$35,000-50,000	1.7 ± 0.2	2.3 ± 0.2	4.0 ± 0.2	25.2 ± 4.6
>\$50,000	1.7 ± 0.2	2.3 ± 0.1	4.1 ± 0.2	27.4 ± 3.4
<sup>1</sup> Sum of reported frequencies of usual fruit juice and fruit consumption (two questions). <sup>2</sup> Sum of reported frequencies of usual consumption of green salad, potatoes, carrots, and all other vegetables (four questions). <sup>3</sup> Proportion of respondents whose total reported consumption of fruits (including juice) and vegetables was five or more times per day.				

Weight Status <sup>1</sup> Michigan Adults, 1998 (in percentages with 95% confidence interval limits)			
Demographic Characteristics	Overweight	Healthy Range	Underweight
<b>TOTAL</b>	<b>34.8 ± 2.1</b>	<b>60.7 ± 2.1</b>	<b>4.6 ± 0.9</b>
AGE			
18-24 Years	13.6 ± 4.4	72.6 ± 6.1	13.8 ± 4.8
25-34 Years	32.8 ± 4.7	63.3 ± 4.8	4.0 ± 1.8
35-44 Years	37.5 ± 4.4	59.3 ± 4.4	3.1 ± 1.5
45-54 Years	42.6 ± 5.0	54.8 ± 5.1	2.5 ± 1.8
55-64 Years	43.7 ± 6.6	54.0 ± 6.6	2.3 ± 1.8
65-74 Years	43.3 ± 7.0	54.2 ± 7.1	2.6 ± 2.2
75+ Years	25.0 ± 6.9	69.1 ± 7.4	5.9 ± 3.7
GENDER			
Male	33.3 ± 3.1	62.8 ± 3.2	3.9 ± 1.4
Female	36.2 ± 2.8	58.6 ± 2.8	5.2 ± 1.3
RACE			
White	33.4 ± 2.2	61.8 ± 2.3	4.8 ± 1.0
Black	44.0 ± 6.7	52.8 ± 6.8	3.2 ± 2.8
EDUCATION			
Less than High School	37.5 ± 6.6	55.4 ± 6.9	7.1 ± 3.9
High School Graduate	36.7 ± 3.7	57.7 ± 3.8	5.6 ± 1.8
Some College	37.8 ± 3.8	58.6 ± 3.9	3.6 ± 1.5
College Graduate	27.7 ± 3.8	69.0 ± 3.9	3.3 ± 1.5
HOUSEHOLD INCOME			
<\$10,000	37.3 ± 10.2	56.9 ± 10.4	5.9 ± 4.7
\$10,000-19,999	35.9 ± 5.9	56.2 ± 6.2	7.9 ± 3.9
\$20,000-34,999	37.2 ± 4.2	58.8 ± 4.3	4.0 ± 1.7
\$35,000-50,000	38.1 ± 5.3	56.8 ± 5.4	5.2 ± 2.5
>\$50,000	31.9 ± 3.6	64.7 ± 3.7	3.4 ± 1.4
<sup>1</sup> Weight status categories were defined as follows: Overweight: ≥85th percentile BMI; Healthy Weight: >15th and <85th percentile BMI; Underweight: <15th percentile BMI. Pregnant women were excluded from this analysis.			

<p>Colorectal Cancer  Adults 50 Years of Age and Older<sup>1,2</sup>  Michigan, 1998  (in percentages with 95% confidence interval limits)</p>
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Demographic Characteristics	Ever Had Blood Stool Test <sup>3</sup>			Ever Had Sigmoidoscopy/ Proctoscopy <sup>4</sup>		
<b>TOTAL</b>	<b>54.1</b>	<b>±</b>	<b>3.6</b>	<b>50.0</b>	<b>±</b>	<b>3.6</b>
AGE						
50-59 Years	45.1	±	5.6	39.1	±	5.6
60-69 Years	62.1	±	6.6	56.0	±	6.8
70+ Years	58.3	±	6.3	58.2	±	6.3
GENDER						
Male	53.6	±	5.8	54.5	±	5.8
Female	54.5	±	4.4	46.3	±	4.4
RACE						
White	55.5	±	3.8	49.6	±	3.8
Black	43.0	±	12.2	53.2	±	12.2
EDUCATION						
Less than High School	37.5	±	8.8	44.1	±	9.1
High School Graduate	56.7	±	5.8	49.2	±	5.9
Some College	54.2	±	7.1	48.3	±	7.1
College Graduate	62.8	±	7.3	57.8	±	7.4
HOUSEHOLD INCOME						
<\$10,000	57.8	±	14.9	35.7	±	14.0
\$10,000-19,999	45.3	±	8.4	52.6	±	8.5
\$20,000-34,999	49.8	±	7.1	49.9	±	7.1
\$35,000-50,000	52.3	±	10.1	55.4	±	10.0
>\$50,000	61.7	±	7.0	49.0	±	7.4

<sup>1</sup> State added question.

<sup>2</sup> n=905 Adults aged 50 years and older.

<sup>3</sup> Proportion of respondents aged 50 or older who reported ever having had a blood stool test using a home kit. “A blood stool test is used to determine whether the stool, or feces, contains small amounts of blood, which may be a sign of cancer. This test is usually done at home and involves placing a stool sample on a special card which is returned to your doctor. Have you ever done this test at home?”

<sup>4</sup> Proportion of respondents aged 50 or older who reported ever having had a sigmoidoscopy or proctoscopy exam. “A sigmoidoscope is an instrument which is inserted into the rectum and allows the doctor to detect signs of colorectal cancer. This type of proctoscopic exam takes only a few minutes to complete and is done without sedation. Have you ever had this type of exam?”

Sudden Infant Death Syndrome Prevention Michigan Adults, 1998 (in percentages with 95% confidence interval limits)			
Demographic Characteristics	Sleeping Position for Infants, On Back <sup>1</sup>		
<b>TOTAL</b>	<b>45.9</b>	<b>±</b>	<b>2.2</b>
AGE			
18-24 Years	37.2	±	6.6
25-34 Years	36.5	±	4.8
35-44 Years	39.7	±	4.4
45-54 Years	50.0	±	5.1
55-64 Years	60.6	±	6.5
65-74 Years	60.0	±	7.3
75+ Years	58.9	±	9.0
GENDER			
Male	48.5	±	3.5
Female	43.7	±	2.8
RACE			
White	49.5	±	2.4
Black	26.1	±	5.8
EDUCATION			
Less than High School	39.8	±	7.0
High School Graduate	42.7	±	3.9
Some College	45.6	±	3.9
College Graduate	52.9	±	4.3
HOUSEHOLD INCOME			
<\$10,000	43.1	±	10.6
\$10,000-19,999	40.1	±	6.1
\$20,000-34,999	47.6	±	4.4
\$35,000-50,000	49.0	±	5.4
>\$50,000	46.6	±	3.9
<sup>1</sup> Proportion of respondents who reported “on back” for the position they would place (or usually do, if they currently cared for a child) a child one year old or younger for sleeping. Estimate is a combination of responses from the following two questions. Of those who care for a child who is less than 12 months of age, for any part of the day or night, “In what position do you usually place the child for sleeping?” Of those who did not currently care for a child less than 12 months of age, “If you were caring for a child who was less than 12 months of age, in what position would you usually place the child for sleeping?”			



Handgun Indicators <sup>1</sup> Michigan Adults, 1998 (in percentages with 95% confidence interval limits)			
Demographic Characteristics	Working Handgun in Home <sup>2</sup>		
<b>TOTAL</b>	<b>19.0</b>	<b>±</b>	<b>2.0</b>
AGE			
18-24 Years	17.6	±	5.3
25-34 Years	18.8	±	3.8
35-44 Years	17.6	±	3.4
45-54 Years	21.4	±	4.2
55-64 Years	28.0	±	6.0
65-74 Years	18.7	±	5.9
75+ Years	15.6	±	6.3
GENDER			
Male	24.8	±	2.9
Female	14.7	±	2.1
RACE			
White	20.1	±	1.9
Black	16.2	±	5.0
EDUCATION			
Less than High School	20.4	±	5.9
High School Graduate	21.2	±	3.2
Some College	20.1	±	3.1
College Graduate	16.5	±	3.1
HOUSEHOLD INCOME			
<\$10,000	9.1	±	6.3
\$10,000-19,999	13.1	±	4.3
\$20,000-34,999	20.0	±	3.6
\$35,000-50,000	25.2	±	4.7
>\$50,000	21.5	±	3.2
<sup>1</sup> Analysis was based on three quarters of data due to a question change after first quarter data collection. <sup>2</sup> Proportion of respondents who reported that they currently have access to a working handgun in their home.			

**Tobacco Use and Quitting Behaviors**  
**Michigan Adults Who Currently Smoke Cigarettes, 1998**  
(in percentages and means with 95% confidence interval limits)

Demographic Characteristics	Mean Number of Days Smoked in Last Month (% among non -daily smokers) <sup>1</sup>			Daily Smokers Who Quit Smoking One Day or Longer in Past Year <sup>2</sup>			Mean Number of Quit Attempts (among daily smokers) <sup>2</sup>		
<b>TOTAL</b>	<b>14.4</b>	<b>±</b>	<b>1.8</b>	<b>52.0</b>	<b>±</b>	<b>4.5</b>	<b>6.4</b>	<b>±</b>	<b>1.6</b>
AGE									
18-24 Years	15.7	±	3.3	62.6	±	12.4	18.0	±	6.3
25-34 Years	13.5	±	3.7	48.5	±	10.4	13.9	±	2.7
35-44 Years	16.0	±	2.5	54.5	±	9.3	19.8	±	2.5
45-54 Years	13.1	±	5.1	45.1	±	10.6	24.0	±	2.9
55-64 Years	12.6	±	4.9	69.8	±	12.4	12.1	±	6.9
65-74 Years	15.0	±	16.1	41.2	±	17.3	10.7	±	4.7
75+ Years	30.0	±	0.1	43.3	±	14.8	26.0	±	2.9
GENDER									
Male	14.6	±	2.5	50.4	±	6.6	6.3	±	2.2
Female	14.4	±	2.4	53.7	±	6.2	6.4	±	2.5
RACE									
White	14.5	±	2.0	51.8	±	4.9	6.0	±	1.6
Black	13.2	±	4.9	55.4	±	14.9	10.3	±	8.6
EDUCATION									
Less than High School	13.1	±	6.9	44.8	±	16.0	10.0	±	9.4
High School Graduate	18.2	±	2.9	53.0	±	7.7	6.5	±	3.1
Some College	14.4	±	2.5	50.0	±	7.7	5.4	±	2.0
College Graduate	10.1	±	3.1	57.0	±	9.6	6.6	±	3.3
HOUSEHOLD INCOME									
<\$10,000	19.2	±	7.1	72.7	±	19.6	6.4	±	4.5
\$10,000-19,999	14.3	±	5.7	52.2	±	12.4	5.0	±	2.2
\$20,000-34,999	13.2	±	3.1	44.5	±	8.8	4.3	±	1.4
\$35,000-50,000	17.4	±	4.3	51.2	±	10.4	7.5	±	5.3
>\$50,000	13.3	±	2.7	56.8	±	8.6	8.2	±	3.9

<sup>1</sup> n=125 Less than daily smokers.

<sup>2</sup> n=568 Daily smokers.

Cigar Use Indicators Michigan Adults, 1998 (in percentages with 95% confidence interval limits)		
Demographic Characteristics	Ever Smoked a Cigar	Current Cigar Smoker <sup>1</sup>
<b>TOTAL</b>	<b>47.9    ±    2.1</b>	<b>6.3    ±    1.0</b>
AGE		
18-34 Years	51.9    ±    3.9	12.1    ±    2.6
35-54 Years	49.8    ±    3.3	5.7    ±    1.5
55+ Years	40.4    ±    4.1	1.4    ±    0.8
GENDER		
Male	74.5    ±    2.9	6.7    ±    1.7
Female	23.8    ±    2.3	5.9    ±    1.3
RACE		
White	50.1    ±    2.3	6.2    ±    1.1
Black	39.2    ±    10.6	7.0    ±    3.3
EDUCATION		
Less than High School	50.8    ±    6.8	7.1    ±    3.2
High School Graduate	45.8    ±    3.8	4.4    ±    1.5
Some College	49.7    ±    3.8	8.1    ±    2.2
College Graduate	47.2    ±    4.1	6.8    ±    2.2
HOUSEHOLD INCOME		
<\$10,000	42.9    ±    10.2	5.5    ±    4.6
\$10,000-19,999	39.0    ±    6.1	7.4    ±    3.4
\$20,000-34,999	48.6    ±    4.3	4.4    ±    1.6
\$35,000-50,000	51.7    ±    5.3	7.3    ±    2.8
>\$50,000	51.6    ±    3.8	7.7    ±    2.1
<sup>1</sup> Proportion of respondents who affirmed that they had ever smoked a cigar in their life time and smoked a cigar within the past month.		

Cardio-Pulmonary Resuscitation (CPR) Training Michigan Adults, 1998 (in percentages with 95% confidence interval limits)	
Demographic Characteristics	Completed CPR Training in Past Two Years
<b>TOTAL</b>	<b>18.0   ±   1.7</b>
AGE	
18-24 Years	25.0   ±   5.9
25-34 Years	26.2   ±   4.3
35-44 Years	21.2   ±   3.6
45-54 Years	18.5   ±   3.9
55-64 Years	7.5   ±   3.5
65-74 Years	6.1   ±   3.3
75+ Years	4.2   ±   3.7
GENDER	
Male	16.6   ±   2.5
Female	19.2   ±   2.2
RACE	
White	17.0   ±   1.7
Black	24.9   ±   5.8
EDUCATION	
Less than High School	8.5   ±   3.9
High School Graduate	10.3   ±   2.3
Some College	25.0   ±   3.4
College Graduate	23.3   ±   3.5